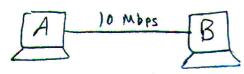
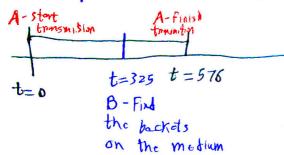


P18



dprop = 325 bit times



 \rightarrow B begins transmitting before A finishs $\frac{1}{4} = 0 : 324 \quad \text{(before sence A)}$

O Assume B stats at t=0

- A will sence B's frame

at t= 325

2) Assume B storts at t = 324

- A will sonce B's from of

t = 324 + 325 = 649

* In gonard

A Can sence B's frame before finishing, If B Start transmission at t

where t < 25 576 - 325 t < 251

[P19] dpmp = 245 bit times

Assume that waiting time = K. 512 bit times

 \rightarrow B will schooled its retronmission 4 Fter kg. 512 = 512 bit times

t = 245 + 512= 757 bit times

A will start retranguission offer K_A . 512 = 0t = 245 bit times

 \Rightarrow A will reach B at t = 2.45 + 2.45 = 490

→ B sence that A is using the medium so there will be no Collision

B Will Wait only If A's frame does not finish at t = 757Frame Length 7557 - \$245

total aggregate throughput

$$= (9+2) * 100 \text{ Mbps}$$

P29 For R4

in Lable	Lotie	dost	out int.
20	10	A	0
	12	D	0
21	8	A	1

R6

In	out	ð= u	intr
	20	A	0

R5

\(\text{in} \)	net	fost	intr.	7
	21	A	٥	The second second